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 TI Method for manufacturing a modified coating preparation for seeds
 IN Struzszyk, Henryk; Kotlinski, Stanislaw; Koch, Stanislaw;
 Jodko-Narkiewicz, Jan; Kotlinska, Teresa; Wrzesniewska-Tosik, Krystyna;
 Pollowinski, Stefan
 PA Instytut Materiałów Chemicznych, Pol.; Instytut Warzywnictwa
 SO Pol., 4 pp.
 CODEN: POXKA7
 DT Patent
 LA Polish
 IC ICM A01N025-10
 CC 5-3 (Agrochemical Bioregulators)
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PL 159474	B1	19921231	PL 1989-280107	19890615 <-
PRAI PL 1989-280107			19890615	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
PL 159474	ICM	A01N025-10
	IPC1	A01N0025-10 [ICM,5]
	IPC2	A01N0025-10 [I,C*]; A01N0025-10 [I,A]

AB The seed-coating preparation is based on hydrolysis products of polyacrylonitrile or acrylonitrile copolymers, is permeable to water and air, and contains nutrients and microelements which promote seed germination. Thus, hydrolyzates of acrylonitrile copolymer fibers (such as Anilana acrylic fibers) are mixed with 10-20% by weight of brown coal ash which may contain Ca, Mg, or Fe salts and microelements such as Cu, Mn, Co or V.

ST seed coating polyacrylonitrile acrylonitrile copolymer

IT Acrylic fibers, biological studies

RL: AGR (Agricultural use); IMP (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (Anilana; seed coating preps. containing polyacrylonitrile or acrylonitrile copolymer hydrolyzates)

IT Seed

(coating preps. containing polyacrylonitrile or acrylonitrile copolymer hydrolyzates)

IT Ashes (residues)

(brown-coal, in seed coating preps. containing polyacrylonitrile or acrylonitrile copolymer hydrolyzates)

IT 7439-89-6P, Iron, salts 7439-95-4D, Magnesium, salts 7439-96-5P, Manganese, biological studies 7440-48-4P, Cobalt, biological studies 7440-50-8P, Copper, biological studies 7440-62-2P, Vanadium, biological studies 7440-70-2DP, Calcium, salts
 RL: AGR (Agricultural use); IMP (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses)

(in seed coating preps. containing polyacrylonitrile or acrylonitrile copolymer hydrolyzates)

IT 107-13-1DP, Acrylonitrile, copolymers, hydrolysis products 25014-41-9DP, Polyacrylonitrile, hydrolysis products
 RL: AGR (Agricultural use); IMP (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (seed coating preps. containing polyacrylonitrile or acrylonitrile copolymer hydrolyzates)